# K. S. INSTITUTE OF TECHNOLOGY
### #14, Raghuvanahalli, Kanakapura Road, Bangalore-560109.

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|---|---|
| **Faculty Name** | Rekha N |
| **Designation** | Associate Professor |
| **Educational Qualification** | M Tech (PhD) |
| **Experience in Years** | Teaching: 16.7 yrs<br>Industry : 0 |
| **Areas of Interest** | Communication |
| **Aadhar Number** | ********3173 |
| **E-mail** | rekhan@ksit.edu.in |

## Educational Details

| Examination/ Degree | College / University | Year of Passing |
|---|---|---|
| UG | SRSIT/VTU | 2002 |
| PG | EWIT/VTU | 2009 |
| PhD | KSIT/VTU | Thesis Submitted after corrections |

## Publications

**Journal Publications:**

1.“Smart Wrist Band for Alzheimer's and Sleep Apnea victims”, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 04 | Apr 2020, ISSN: 2395-0072 © 2020, IRJET | Impact Factor value: 7.529 | ISO 9001:2008 Certified Journal | Page 3297.

2.“Automatic Ration Distribution With Quality Check Implementation Using Image Processing”,

JASC: Journal of Applied Science and Computations Volume VII, Issue IV, April/2020 ISSN NO: 1076-5131

**3.** "Study on Approaches of Noise Cancellation in GSM Communication Channel, " Communications on Applied Electronics (CAE), Foundation of Computer Science FCS, Vol. 3, No. 5, 2015

**4.** "Novel Technique for Comprehensive Noise Identification and Cancellation in GSM Signal," International Journal of Electrical and Computer Engineering (IJECE), Vol. 8, Issue 2, pp. 1222-1229, April 2018

  **5.** " A novel and integrated architecture for identification andcancellation of noise from GSM signal," International Journal of Electrical and Computer Engineering (IJECE), Vol. 9, Issue 5, October 2019

**Conference Papers**  :

**1.** "SANC: Stochastic approach for noise cancellation in• GSM signals," 2015 International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT), IEEE Xplore, 2016.

**2.** "Noise Detection and Elimination by Using Analytical Approach," in Computer Science On-line Conference (CSOC2018), Software Engineering and Algorithms in Intelligent Systems, pp. 37-45, Springer, 2018.

## Awards
1.  **Obtained 3rd Rank in MTech.**

## Professional Membership
1.  **ISTE**

## Contact Details
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